



RECEIVED MAY 31 2018

May 30, 2018

Director, Air & Radiation Program (8P-AR)

U.S. EPA Region 8  
1595 Wynkoop Street  
Denver, CO 80202-1129

Re: **Title 40 of the Code of Federal Regulations (40 CFR) Part 60, Subpart OOOOa – Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification, or Reconstruction Commenced after September 18, 2015**

Pursuant to § 60.5420 and § 60.5375a of the Environmental Protection Agency – Oil and Natural Gas Sector: New Source Performance Standards and National Emission Standards for Hazardous Air Pollutants Review – Title 40 of the Code of Federal Regulations (40 CFR) Part 60, Subpart OOOOa – Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification, or Reconstruction Commenced after September 18, 2015, attached are reports, records and a certification of truth, accuracy and completeness for Petro Harvester Operating Company, LLC Operated wells located in Burke County, North Dakota:

<u>Well</u>	<u>API Number</u>
PTL1 32-29 164-91 B	33-013-01829
PTL1 05-08 163-91 B	33-013-01830

If you have any questions regarding this submittal, please do not hesitate to contact me at (214) 618-7537.

Sincerely,

Gary A. Watson  
Vice President – Northern Business Unit

Cc: Director, Division of Air Quality  
918 E. Divide Avenue, 2<sup>nd</sup> Floor  
Bismarck, ND 58501

### **Certification of Truth, Accuracy and Completeness**

I certify, based on information and belief formed after reasonable inquiry, the statements and information contained in the attached documents are true, accurate and complete to the best of my knowledge.

Name (signed): \_\_\_\_\_

A handwritten signature in blue ink, appearing to be 'GA Watson', written over a horizontal line.

Name (typed): Gary A. Watson Date: May 30, 2018

**Petro Harvester Operating Company, LLC - NSPS OOOOa Reporting**

**Company Name and Address for Affected Facilities - §60.5420(b)(1)(i):**

**Petro Harvester Operating Company, LLC**

**5851 Legacy Circle, Suite 500 Plano, TX 75024**

**Table 1**

**Identification of Each Affected Facility Addressed in This Report - §60.5420(b)(1)(ii)**

<b>Well/Site Name</b>	<b>API Number</b>	<b>State</b>	<b>County</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Affected Facility Type</b>
PTL1 32-29 164-91 B	33-013-01829	North Dakota	Burke	48.980177	-102.517021	Well Completion
PTL1 05-08 163-91 B	33-013-01830	North Dakota	Burke	48.980177	-102.516937	Well Completion
PTL1 32-29 164-91 B	33-013-01829	North Dakota	Burke	48.980177	-102.517021	Fugitive Emissions
PTL1 05-08 163-91 B	33-013-01830	North Dakota	Burke	48.980177	-102.516937	Fugitive Emissions

**Reporting Period - §60.5420(b)(1)(iii):**

Beginning Date: August 2, 2017

Ending Date: August 2, 2018

**Certification - §60.5420(b)(1)(iv):**

Included with cover letter.

**Well Affected Facilities (Hydraulic Fracturing Completions) - §60.5420a(b)(2):**

Required information is included in Table 2.

**Centrifugal Compressors - §60.5420a(b)(3):**

Petro Harvester does not own or operate any centrifugal compressor affected facilities as specified in §60.5365a(b) in North Dakota.

**Reciprocating Compressors - §60.5420a(b)(4):**

Petro Harvester does not own or operate any reciprocating compressor affected facilities as specified in §60.5365a(c) in North Dakota.

**Pneumatic Controllers - §60.5420a(b)(5):**

Petro Harvester does not own or operate any pneumatic controller affected facilities as specified in §60.5365(d) in North Dakota.

**Storage Vessels - §60.5420a(b)(6):**

Petro Harvester does not own or operate any storage tank affected facilities as specified in §60.5365a(e) in North Dakota.

**Fugitive Emissions - §60.5420a(b)(7):**

Required information is included in Table 3.

**Pneumatic Pumps - §60.5420a(b)(8):**

Petro Harvester does not own or operate any pneumatic pump affected facilities as specified in §60.5365a(h) in North Dakota.

**Performance Tests - §60.5420a(b)(9):**

Petro Harvester does not rely upon any control devices for Subpart OOOOa compliance.

**Manufacturer Combustor Performance Tests - §60.5420a(b)(10):**

Petro Harvester does not rely upon any combustion devices for Subpart OOOOa compliance as per §60.5413a(d).

Table 2  
Well Affected Facility - Well Completion Daily Log - §60.5420a(b)(2)  
Petro Harvester Operating Company, LLC - NSPS OOOOa Reporting

§60.5420a(b)(2)(i): All records specified in §60.5420a(c)(1)(i - iv, and vi) are included below as required. Petro Harvester did not elect to keep the alternative digital photograph records specified in §60.5420a(c)(i)(v).

§60.5420(c)(1)(i): The well completion operation addressed in the table is identified below.

§60.5420(c)(1)(ii): If applicable, records of deviations are included below.

§60.5420(c)(1)(iii): Appropriate completion log information is included below as per §60.5375a(b). The well completion operations addressed in this table are not a wildcat or delineation wells as per §60.5375a(f)(1) or a non-wildcat/non-delineation low pressure gas well as per §60.5375a(f)(2).

Well Name	Location County and State	Latitude	Longitude	API Number	Was there any time where gas was vented?	If so, list dates and hours.	Date and Time flowback began	Date and Time fluids directed to separator	Date and Time of each occurrence to initial flowback Stage	Date and Time well was shut in (hours shut in)	First Date of Production	Duration of flowback, in hours	Duration of flowback gas flaring, hours	Duration of flowback gas sold, hours	Duration of flowback gas, reinjected, hours	Duration of flowback gas used as fuel, hours	Duration of flowback gas vented, hours
PTL1 32-29 164-91 B	Burke Co., ND	48.980177	-102.517021	33-013-01829	No	NA	03/02/17 @ 09:30 Hr	03/02/17 @ 09:30 Hr	All flowback directed through a separator with gas directed to a combustor with continuous pilot flame	NA	3/7/2017	NA	NA	NA	NA	NA	NA
PTL1 05-08 163-91 B	Burke Co., ND	48.980177	-102.516937	33-013-01830	No	NA	03/01/17 @ 14:00 Hr	03/01/17 @ 14:00 Hr	All flowback directed through a separator with gas directed to a combustor with continuous pilot flame	NA	3/5/2017	NA	NA	NA	NA	NA	NA

Deviations - §60.5420(b)(2)(ii):

Well Name	Location County and State	Latitude	Longitude	API Number	Was there any time where gas was vented?	If so, list dates and hours.	Reason for venting	If technically infeasible to route the recovered gas to the four options of 60.5375a(a)(1)(ii), reasons for technically infeasible claim.
PTL1 32-29 164-91 B	Burke Co., ND	48.980177	-102.517021	33-013-01829	No	NA	No gas vented. All gas was directed to a combustor with a continuous pilot flame	Sales line connect was was not ready. All gas was directed to a combustor with a continous pilot flame
PTL1 05-08 163-91 B	Burke Co., ND	48.980177	-102.516937	33-013-01830	No	NA	No gas vented. All gas was directed to a combustor with a continuous pilot flame	Sales line connect was was not ready. All gas was directed to a combustor with a continous pilot flame

Low Pressure Well - §60.5420(b)(2)(iii):

No wells completed during the reporting period by Petro Harvester were determined to be a low pressure well as defined in 60.5430a, therefore no records supporting that determination are included.



Petro Harvester Oil & Gas, LLC - NSPS OOOOa Reporting

Table 3  
Fugitive Emissions Affected Facilities - §60.5420a(b)(7)

§60.5420a(b)(7): The records of each monitoring survey including the information in the table below

Site Name	Date of Survey	Beginning and End Time of Survey	Name of Operator Performing Survey and Experience <sup>1</sup>	Ambient Temperature (deg F)	Sky Conditions	Maximum Wind Speed (mph)	Monitoring Instrument Used	Deviations from the Monitoring Plan or Statement No Deviations Occurred	Number and Type of Leaking Components	Number and Type of Leaking Components that were not Repaired per §60.5397a(h)	Number and Type of Difficult to Monitor Components Monitored	Number and Type of Unsafe to Monitor Components Monitored	Date of Successful Repair of Leaking Components	Type of Instrument used to Resurvey Leaking Components	Number and Type of Leaking Components on Delay of Repair List	Reason for Delay of Repair
PTL1 32-29 164-91 B	8/10/2017	10:40-11:30	Patricia Hove	68	Clear	10	FLIR GF320	No Deviations Occurred	0	0	0	0	N/A	N/A	0	N/A
PTL1 05-08 163-91 B	8/10/2017	10:40-11:30	Patricia Hove	68	Clear	10	FLIR GF320	No Deviations Occurred	0	0	0	0	N/A	N/A	0	N/A

<sup>1</sup> The operator is certified by the Infrared Training Center, Optical Gas Imaging, with 5 years experience.